Kapalama Military Reservation
Building 905 Transformer

Risked-Based Cleanup and Sampling Approach Summary (see accompanying Figure)

Site Characterization Sampling

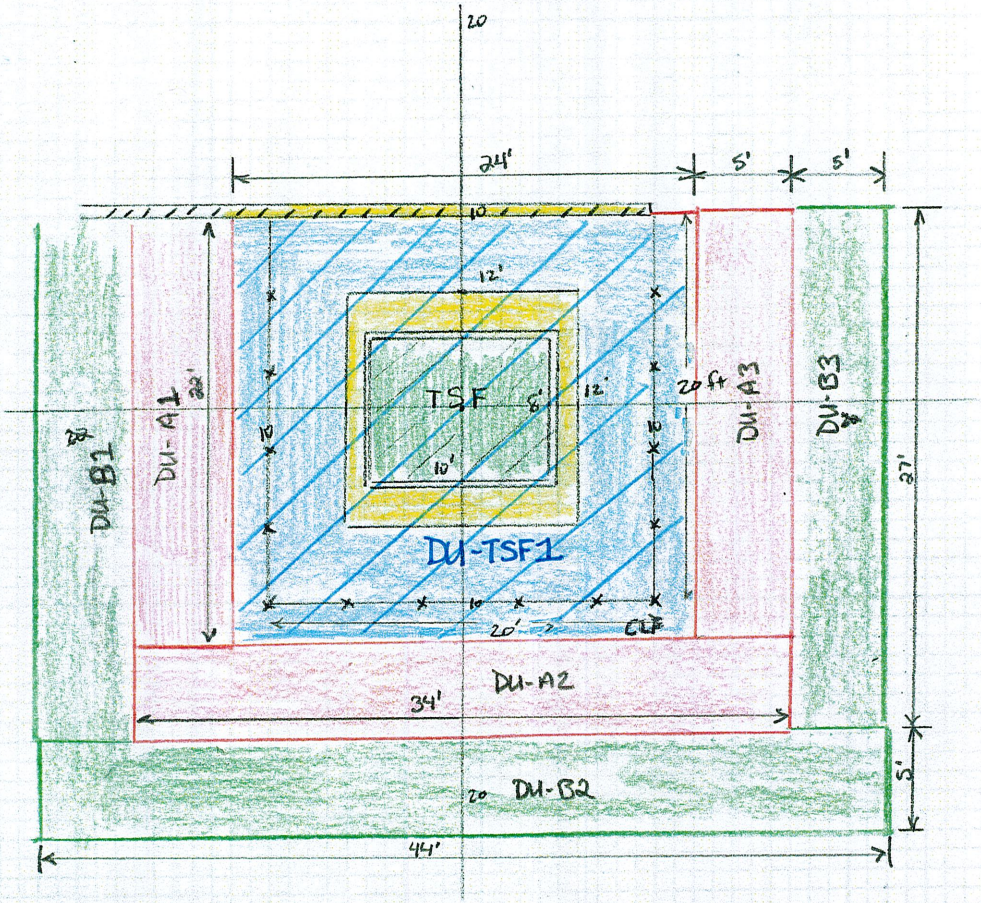
- No sampling will be performed to characterize site

Removal & Disposal

- Remove Transformer and concrete pad
  - Transformer oil already removed and disposed; residuals fluids to be removed with absorbents and absorbents to be disposed at Chemical Waste Landfill (761.75)
  - Concrete pad to be disposed at Chemical Waste Landfill (761.75)
  - Transformer to be disposed at chemical waste landfill (761.75)
- Remove pavement and soil based on visual release observations
  - Staining evidence to less than 1 feet outside fenced area
  - Pavement and soil to be removed laterally based on visual staining evidence, plus 1 foot; 24 ft x 22 ft (wall
- Removal depth proposed at 2 ft

Verification Sampling

- One MIS sample for DU-TSF1 (24 ft x 22 ft) at vertical depth of 2 ft (floor of excavation)
- Three (3) DUs of pavement and soil laterally beyond excavation limits
  - 5 ft wide DUs ("A") around perimeter; one MIS sample of pavement (hard porous surface technique, e.g., carbide drill bit with collection device) and one MIS soil sample at 24-inch (2 ft) depth. (direct push)
- One set of step out DUs ("B") beyond DUs A. Collect same samples but hold until results back form "A".
- If DUs "A" results are > risked-based RAL of 7.4 ppm and < 50 ppm, then remove and dispose of pavement and soil at local C&D landfill (PVT); confirm clean with DU "B".



KAPALAMA MILITARY RESERVATION
BUILDING 905 TRANSFORMER
3/3/15
PROPOSED MLS RISK BASED SAMPLING